

03-04-02

PATENTS
112056-0036

#3



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re The Application of:)
Robert M. English et al.)

Serial No.: 10/035,603)

Examiner: Not yet assigned

Filed: December 28, 2001)

Art Unit: 2184

For: CORRECTING MULTIPLE BLOCK)
DATA LOSS IN A STORAGE AR-)
RAY USING A COMBINATION)
OF A SINGLE DIAGONAL PAR-)
ITY GROUP AND MULTIPLE)
ROW PARITY GROUPS)

Cesari and McKenna, LLP
88 Black Falcon Avenue
Boston, MA 02210
February 28, 2002

EXPRESS-MAIL DEPOSIT

“Express Mail” Mailing-Label Number: EL705610382US

The following papers are being deposited with the United States Postal Service
“Express Mail Post Office to Addressee” service pursuant to 37 C.F.R. §1.10:

X Declaration and Power of Attorney

X Fee Transmittal Letter

X Assignment With Recordation Form

X Check in the amount of \$170.00

Cover Sheet

X Notice to File Missing Parts

X Response to Notice to File Missing
Parts



#3

Patent and Trademark Office/SB/17 (10-01)
Approved for use through 10/31/2002. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

FEE TRANSMITTAL for FY 2002

Patent fees are subject to annual revision.

C m p l t i f K n w n

Application Number	10/035,603
Filing Date	December 28, 2001
First Named Inventor	Robert M. English et al.
Examiner Name	Not yet assigned
Group Art Unit	2184
Attorney Docket No.	112056-0036

TOTAL AMOUNT OF PAYMENT (\$) 170

METHOD OF PAYMENT

1. ☐ The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

Deposit
Account
Number

03-1237

Deposit
Account
Name

Cesari and McKenna, LLP

- ☒ Charge Any Additional Fee Required
Under 37 C.F.R. §§1.16 and 1.17
☐ Applicant claims small entity status.
See 37 CFR 1.27

2. ☒ Payment Enclosed:

☒ Check ☐ Credit card ☐ Money
Order ☐ Other

FEE CALCULATION

1. BASIC FILING FEE

Large Entity Fee Code	Small Entity Fee Code	Fee (\$)	Fee (\$)	Fee Description	Fee Paid
101	740	201	370	Utility filing fee	
106	330	206	165	Design filing fee	
107	510	207	255	Plant filing fee	
108	740	208	370	Reissue filing fee	
114	160	214	80	Provisional filing fee	
SUBTOTAL (1) (\$)					0

2. EXTRA CLAIM FEES

Total Claims	Independent Claims	Multiple Dependent	Extra Claims	Fee from below	Fee Paid
20**	3**		0	0	0
			0	0	0
					0

Large Entity Fee Code	Small Entity Fee Code	Fee (\$)	Fee (\$)	Fee Description
103	18	203	9	Claims in excess of 20
102	84	202	42	Independent claims in excess of 3
104	280	204	140	Multiple dependent claim, if not paid
109	84	209	42	**Reissue independent claims over original patent
110	18	210	9	**Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$) 0

**or number previously paid, if greater; For Reissues, see below

3. ADDITIONAL FEES

Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
105	130	205	65	Fee Surcharge - late filing fee or oath	130
127	50	227	25	Surcharge - late provisional filing fee or cover sheet	
139	130	139	130	Non-English Specification	
147	2,520	147	2,520	For filing a request for ex parte reexamination	
112	920	112	920*	Requesting publication of SIR prior to Examiner action	
113	1,840	113	1,840*	Requesting publication of SIR after Examiner action	
115	110	215	55	Extension for reply within first month	
116	400	216	200	Extension for reply within second month	
117	920	217	460	Extension for reply within third month	
118	1,440	218	720	Extension for reply within fourth month	
128	1,960	128	980	Extension for reply within fifth month	
119	320	219	160	Notice of Appeal	
120	320	220	160	Filing a brief in support of an appeal	
121	280	221	140	Request for oral hearing	
138	1,510	138	1,510	Petition to institute a public use proceeding	
140	110	240	55	Petition to revive - unavoidable	
141	1,280	241	640	Petition to revive - unintentional	
142	1,280	242	640	Utility Issue fee (or reissue)	
143	460	243	230	Design Issue fee	
144	620	244	310	Plant Issue fee	
122	130	122	130	Petitions to the Commissioner	
123	50	123	50	Processing fee under 37 CFR 1.17(q)	
126	180	126	180	Submission of Information Disclosure Stmt	
581	40	581	40	Recording each patent assignment per property (times number of properties)	40
146	740	246	370	Filing a submission after final rejection (37 CFR 1.129(a))	
149	740	249	370	For each additional invention to be examined (37 CFR 1.129(b))	
179	740	279	370	Request for Continued Examination (RCE)	
169	900	169	900	Request for expedited examination of a design application	

Other fee (specify)

Other fee (specify)

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$) 170

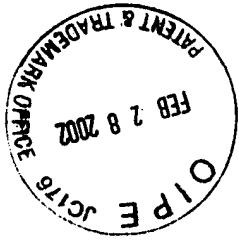
SUBMITTED BY

Complete (if applicable)

Name (Print/Type)	William A. Loginov	Registration No. (Attorney/Agent)	34,863	Telephone	(617) 951-2500
Signature				Date	February 28, 2002

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Office, U.S. Patent and Trademark Office, Washington, DC



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Cesari and McKenna, LLP
88 Black Falcon Avenue
Boston, MA 02210
February 28, 2002

“Express Mail” Mailing-Label Number: EL705610382US

Honorable Commissioner of Patents and Trademarks
Washington, D.C. 20231

Sir:

RESPONSE TO NOTICE TO FILE MISSING PARTS OF APPLICATION

Enclosed in response to the Notice to File Missing Parts of Application-Filing
Date Granted mailed 01/30/02, is a Declaration for Patent Application executed by the
inventors, along with a check for \$170 to cover the filing fee, surcharge for this Response
and Assignment Recordation fee. The above-referenced application filed in the Patent

and Trademark Office is the application that the inventors executed by signing the enclosed Declaration.

Please charge any additional fee occasioned by this paper to our Deposit Account No. 03-1237.

Respectfully submitted,

A handwritten signature in black ink, appearing to read 'W. Loginov', written over a horizontal line.

William A. Loginov
Reg. No. 34,863
CESARI AND MCKENNA, LLP
88 Black Falcon Avenue
Boston, MA 02210-2414
(617) 951-2500

#3



UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS
UNITED STATES PATENT AND TRADEMARK OFFICE
WASHINGTON, D.C. 20231
www.uspto.gov

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
10/035,603	12/28/2001	Robert M. English	112056-0036

24267
CESARI AND MCKENNA, LLP
88 BLACK FALCON AVENUE
BOSTON, MA 02210

CONFIRMATION NO. 3815

FORMALITIES LETTER



OC000000007394959

Date Mailed: 01/30/2002

NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

Filing Date Granted

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The oath or declaration is unsigned.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(l) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.
- **The balance due by applicant is \$ 130.**

*A copy of this notice **MUST** be returned with the reply.*

Customer Service Center
Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE

03/08/2002 AOSMANI 00000051 10035603

02 FC:105

130.00 OP